



1999 Toxics Release Inventory

RHODE ISLAND

Reported Releases and Waste Management Activities (in pounds)

	Original Industries	New Industries	Total
On-site Releases	993,653	78,531	1,072,184
Air Emissions	992,383	78,490	1,070,873
Surface Water Discharges	1,265	41	1,306
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	5	0	5
Off-site Releases (Transfers Off-site to Disposal)*	302,416	16,498	318,914
Total On- and Off-site Releases	1,296,069	95,029	1,391,098
Recycled On-site	6,496,043	120,974	6,617,017
Recycled Off-site	12,007,673	0	12,007,673
Energy Recovery On-site	186,574	0	186,574
Energy Recovery Off-site	818,660	242	818,902
Treated On-site	5,905,324	151,289	6,056,613
Treated Off-site**	719,334	770,805	1,490,139
Quantity Released On- and Off-site***	1,233,975	93,619	1,327,594
Total Production-related Waste Managed	27,367,583	1,136,929	28,504,512
Total Non-production-related Waste Managed	5,689	0	5,689

Transfers Off-site for Further Waste Management/Disposal

Recycling	3,859,196	44,220	3,903,416
Energy Recovery	673,588	242	673,830
Treatment	150,942	825,498	976,440
Publicly Owned Treatment Works (POTWs)	513,856	250	514,106
Metals and Metal Compounds*	9,186	0	9,186
Non-metal TRI Chemicals**	504,670	250	504,920
Other Off-site Transfers****	40,781	0	40,781
Off-site Transfers to Disposal (not including metals to POTWs)	310,489	16,498	326,987
Total Transfers Off-site for Further Waste Management/Disposal	5,548,852	886,708	6,435,560

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

State Contact:

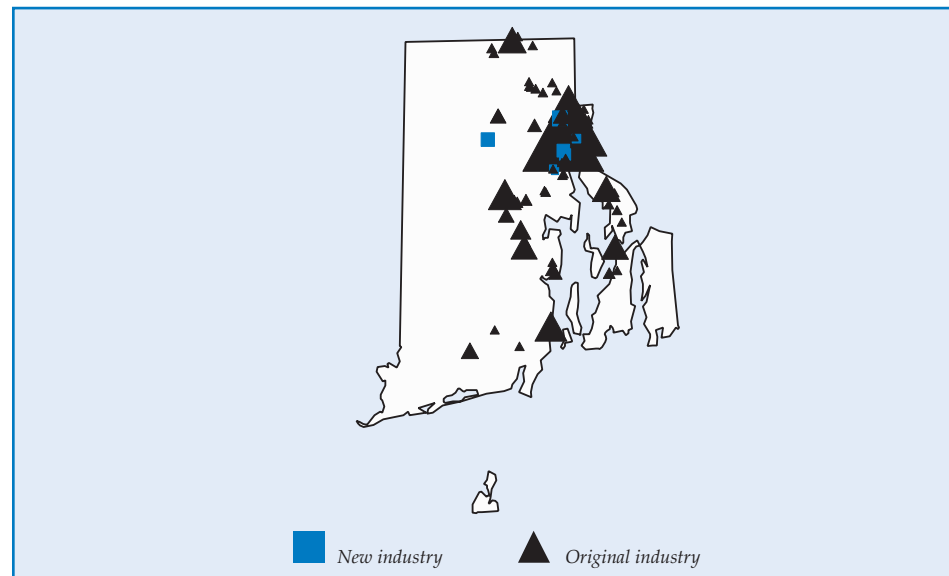
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To obtain TRI data use assistance, call TRI User Support Service (TRI-US):

(202) 260-1531
Fax: (202) 401-2347



The largest marker in the state map represents the largest facility for on-site releases in the state of Rhode Island. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	990,819
Square Miles	1,045
Total Facilities	133
Total Forms	344
Form As	59

	Original Industries	New Industries	Total
National Rank for Total On- and Off-site Releases*			
Rank	49	51	50
Pounds	1,296,069	95,029	1,391,098
National Rank for Total On-site Releases**			
Rank	49	52	50
Pounds	993,653	78,531	1,072,184
National Rank for Total Releases within State***			
Rank	49	51	50
Pounds	1,158,441	80,177	1,238,618
National Rank for Production-related Waste Managed			
Rank	45	49	47
Pounds	27,367,583	1,136,929	28,504,512

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Original Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
78-93-3	Methyl ethyl ketone	282,759	0	0	0	35,448	318,207	250	0	35,448
108-88-3	Toluene	185,492	0	0	0	32,049	217,541	11,082	0	32,049
7664-41-7	Ammonia	107,753	52	0	0	1,700	109,505	0	0	1,700
100-42-5	Styrene	98,466	0	0	0	0	98,466	250	0	0
--	Glycol ethers	94,369	0	0	0	0	94,369	1,876	0	0
1330-20-7	Xylene (mixed isomers)	69,445	0	0	0	1,580	71,025	219	0	1,580
7440-50-8	Copper	6,575	0	0	5	51,998	58,578	6,222	5,580	46,418
--	Zinc compounds	100	0	0	0	44,963	45,063	5,126	3,886	41,077
67-56-1	Methanol	36,973	662	0	0	3,054	40,689	250	54	3,000
--	Manganese compounds	89	10	0	0	30,046	30,145	35,000	28,146	1,900

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Seven New Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7664-41-7	Ammonia	41,128	5	0	0	0	41,133	0	0	0
1634-04-4	Methyl tert-butyl ether	25,502	5	0	0	6,439	31,946	250	7	6,432
108-88-3	Toluene	3,136	6	0	0	2,491	5,633	5	3	2,488
110-54-3	n-Hexane	3,244	6	0	0	2,104	5,354	0	2	2,102
1330-20-7	Xylene (mixed isomers)	2,121	9	0	0	2,350	4,480	5	3	2,347
71-43-2	Benzene	1,909	5	0	0	1,010	2,924	250	0	1,010
100-41-4	Ethylbenzene	445	5	0	0	2,103	2,553	5	1	2,102
127-18-4	Tetrachloroethylene	500	0	0	0	0	500	2	0	0
--	Glycol ethers	250	0	0	0	0	250	0	0	0
110-82-7	Cyclohexane	160	0	0	0	0	160	5	0	0

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.



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On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Original Industries)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Rexam DSI, Johnston, Providence	178,280	0	0	0	0	0	178,280	0	0
Facile Holdings Inc., Rumford, Providence	99,509	0	0	0	0	0	99,509	0	0
Osram Sylvania Prods. Inc., Central Falls, Providence	77,855	0	0	0	0	0	77,855	276	3,100
Cooley Inc., Pawtucket, Providence	75,815	0	0	0	0	0	75,815	0	14,090
Arkwright Inc., Fiskeville, Kent	59,424	0	0	0	0	0	59,424	0	32,290
Dewal Ind. Inc., Narragansett, Washington	57,120	0	0	0	0	0	57,120	0	0
Tech. Inds. Inc., Woonsocket, Providence	47,233	0	0	0	0	0	47,233	0	0
TPI Composites Inc., Warren, Bristol	46,735	0	0	0	0	0	46,735	0	0
Albin Mfg. Inc., Portsmouth, Newport	44,275	0	0	0	0	0	44,275	0	0
Stanley Fastening Sys. Inc., East Greenwich, Kent	42,394	0	0	0	0	0	42,394	0	0

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Seven New Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Pawtucket Power Associates, Pawtucket, Providence	24,020	0	0	0	0	0	24,020	0	0
Mobil Oil East Providence Terminal, East Providence, Providence	19,496	30	0	0	0	0	19,526	0	16,481
Usgen New England Inc., Providence, Providence	17,114	5	0	0	0	0	17,119	0	0
Motiva Providence Terminal, Providence, Providence	12,718	1	0	0	0	0	12,719	17	0
Getty Terminals Corp., East Providence, Providence	4,382	5	0	0	0	0	4,387	0	0
Chem-Pak Inc., Cranston, Providence	510	0	0	0	0	0	510	0	0
John R. Hess & Co. Inc., Cranston, Providence	250	0	0	0	0	0	250	0	0
Oilchem Inc., Lincoln, Providence	0	0	0	0	0	0	0	0	0

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Original Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Rexam DSI, Johnston, Providence	0	0	0	3,169	1,959	1,959	173,451	180,538	0
Facile Holdings Inc., Rumford, Providence	0	0	0	10,387	0	0	99,509	109,896	0
Cooley Inc., Pawtucket, Providence	0	0	0	0	0	0	89,940	89,940	0
Osram Sylvania Prods. Inc., Central Falls, Providence	0	17,100	0	0	847,800	115,450	78,100	1,058,450	0
Arkwright Inc., Fiskeville, Kent	0	0	0	233,500	1,834,300	1,836	59,440	2,129,076	0
Dewal Ind. Inc., Narragansett, Washington	0	0	0	0	0	9,200	57,000	66,200	0
Tech. Inds. Inc., Woonsocket, Providence	0	0	0	0	0	0	47,233	47,233	0
TPI Composites Inc., Warren, Bristol	0	0	0	0	0	0	46,735	46,735	0
Albin Mfg. Inc., Portsmouth, Newport	0	0	0	0	0	2,160	44,275	46,435	0
Stanley Fastening Sys. Inc., East Greenwich, Kent	0	0	0	9,875	138,359	4,572	42,401	195,207	0

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Seven New Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Mobil Oil East Providence Terminal, East Providence, Providence	0	0	0	0	0	692	34,808	35,500	0
Pawtucket Power Associates, Pawtucket, Providence	0	0	0	0	0	0	24,020	24,020	0
Usugen New England Inc., Providence, Providence	0	0	0	0	0	90	16,864	16,954	0
Motiva Providence Terminal, Providence, Providence	0	0	0	242	0	1,208	12,738	14,188	0
Getty Terminals Corp., East Providence, Providence	0	0	0	0	151,289	32	4,387	155,708	0
Chem-Pak Inc., Cranston, Providence	120,974	0	0	0	0	768,783	402	890,159	0
John R. Hess & Co. Inc., Cranston, Providence	0	0	0	0	0	0	400	400	0
Oilchem Inc., Lincoln, Providence	0	0	0	0	0	0	0	0	0

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.